

● PRINTER RUSH ●

(PTO ASSISTANCE)

2nd request

Application : <u>10/078056</u>	Examiner : <u>Lee</u>	GAU : <u>2881</u>
From : <u>PAP</u>	Location : <u>(IDC) FMF FDC</u>	Date : <u>7/11/05</u>
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DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

[RUSH] MESSAGE: Renumbered claims 31, 32, 33 (original
claims 32, 34, 35 depend on renumbered claim 31
(original claim 36).

Thank you.

[XRUSH] RESPONSE: renumbered
OK to change claims 31, 32, 33
to depend on renumbered claim 34

INITIALS: *[Signature]*

31 ~~33~~³⁴. (Previously Presented) The system of claim ~~36~~³⁴, wherein electric charges drawn across the semiconductor layer is greater near the first surface of the semiconductor layer adjacent to the charge-collection layer relative to the second surface.

32 ~~34~~³⁴. (Previously Presented) The digital radiography system of claim ~~36~~³⁴, wherein the flat panel imager is a TFT-based imager.

33 ~~35~~³⁴. (Previously Presented) The digital radiography system of claim ~~36~~³⁴, wherein the flat panel imager is a CCD-based imager.

34 ~~36~~. (Previously Presented) A digital radiography system, comprising:
an x-ray source to transmit x-rays;
a flat panel imager to receive the x-rays and to produce a digitized image,
comprising:
a semiconductor layer disposed above a charge-collection layer;
a bias electrode layer disposed above the semiconductor layer, the
bias electrode to generate an electric field within the semiconductor layer;
and
a casing that holds the flat panel imager together, wherein the
casing forms an aperture window to receive the x-rays; and
a display system connected to the flat panel imager, the display system to
display the digitized image, wherein the semiconductor layer has a first surface
adjacent to the charge-collection layer and a second surface adjacent to the bias
electrode, and wherein the flat panel imager is configured such that x-rays traverse
the charge-collection layer before propagating through the semiconductor layer.